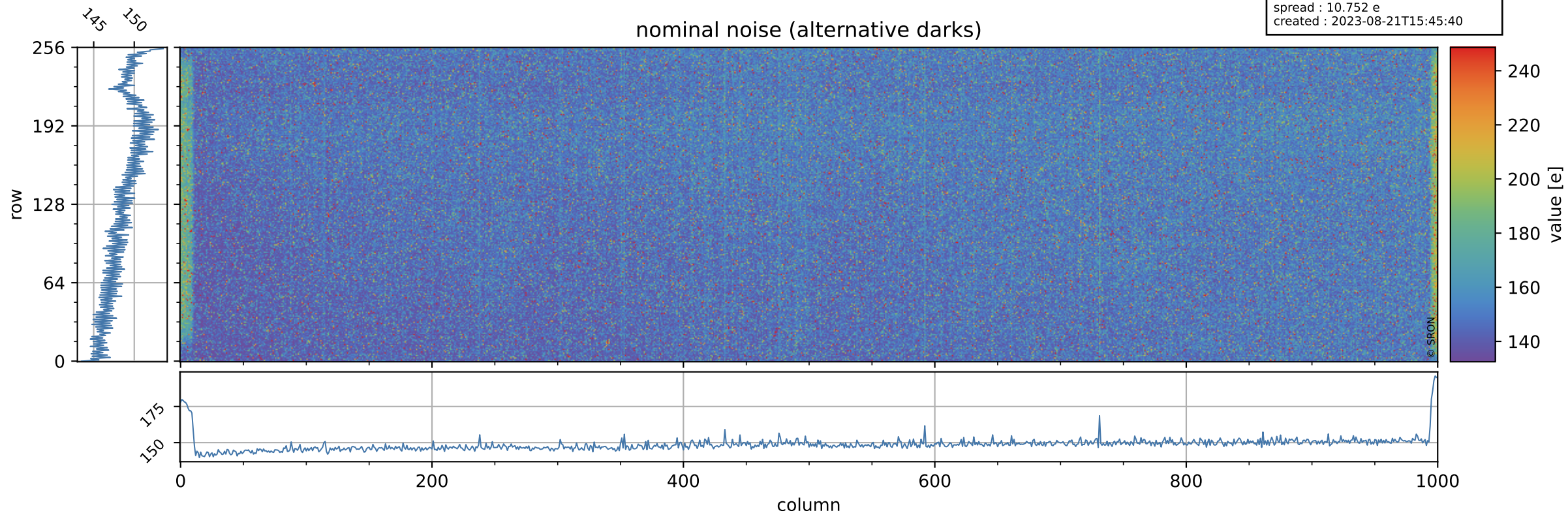


Tropomi SWIR background noise (swir)

orbits : 12 in [15997, 16087]
coverage : 2020-11-14 / 2020-11-20
n_coad, t_exp : 1, 1.0783
median : 148.53 e
spread : 10.752 e
created : 2023-08-21T15:45:40

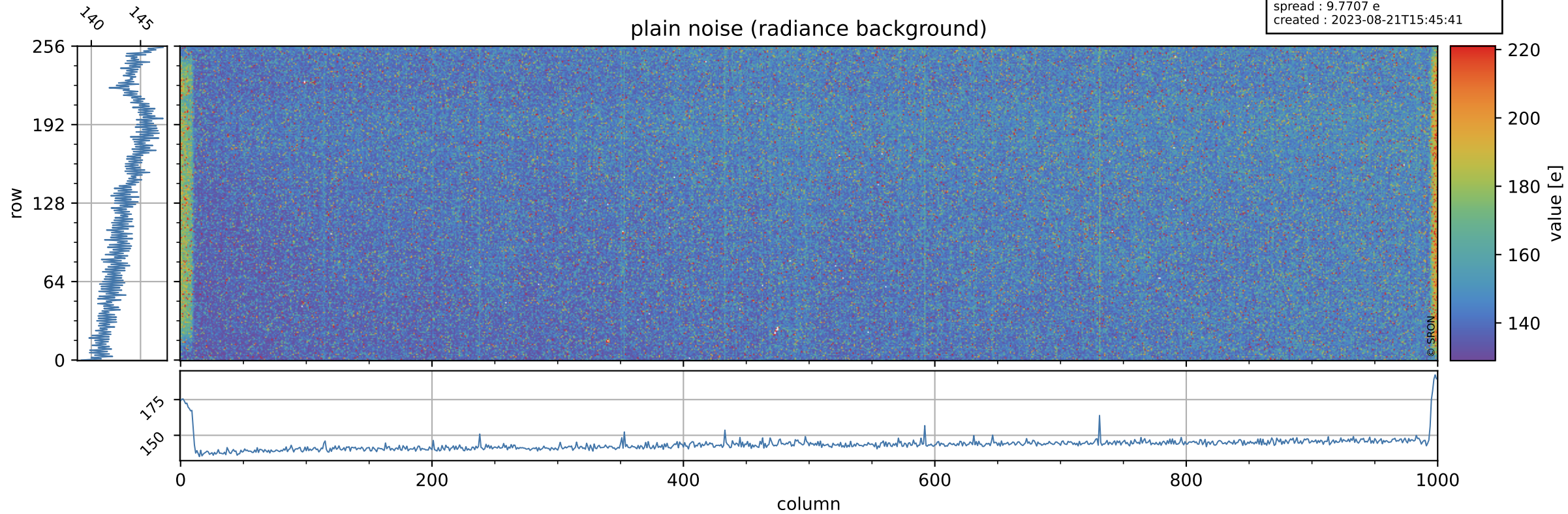
nominal noise (alternative darks)



Tropomi SWIR background noise (swir)

orbits : 12 in [15997, 16087]
coverage : 2020-11-14 / 2020-11-20
n_coad, t_exp : 1, 0.8383
median : 143.43 e
spread : 9.7707 e
created : 2023-08-21T15:45:41

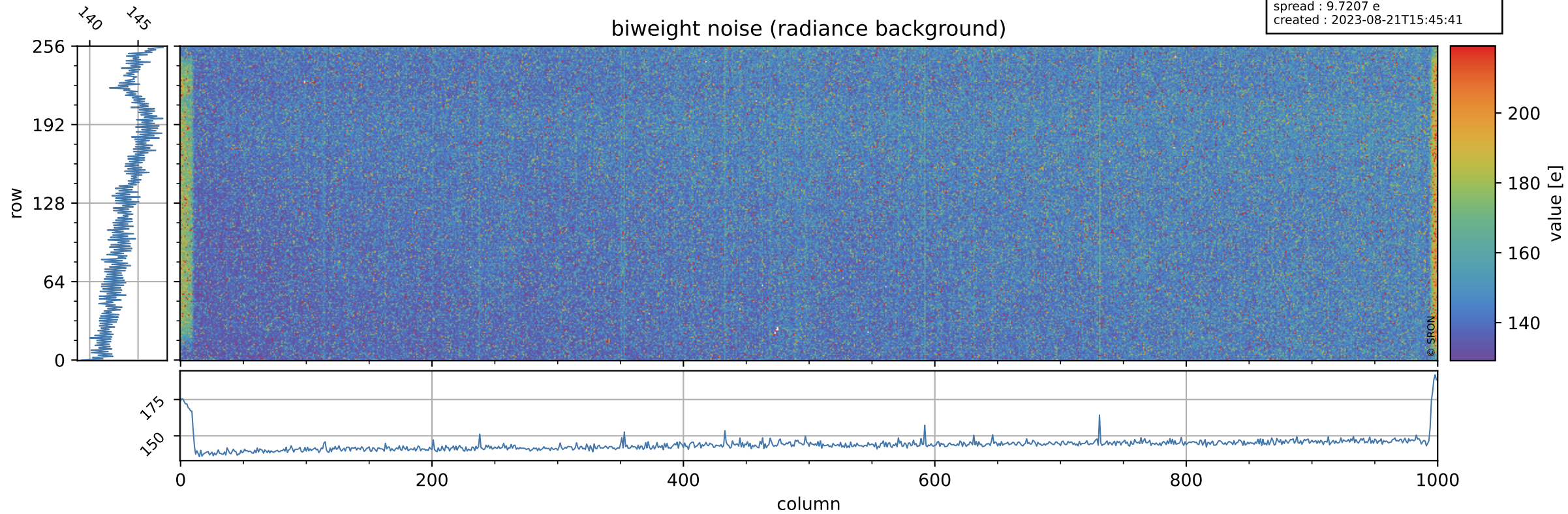
plain noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15997, 16087]
coverage : 2020-11-14 / 2020-11-20
n_coad, t_exp : 1, 0.8383
median : 143.74 e
spread : 9.7207 e
created : 2023-08-21T15:45:41

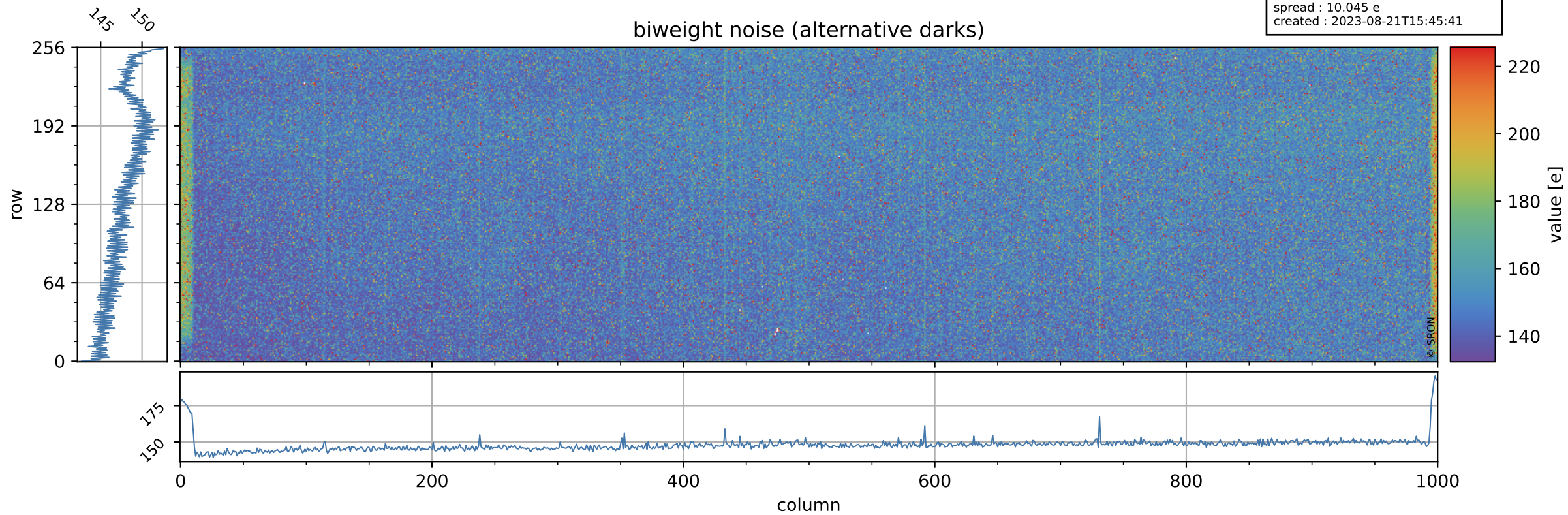
biweight noise (radiance background)



Tropomi SWIR background noise (swir)

orbits : 12 in [15997, 16087]
coverage : 2020-11-14 / 2020-11-20
n_coad, t_exp : 1, 1.0783
median : 147.7 e
spread : 10.045 e
created : 2023-08-21T15:45:41

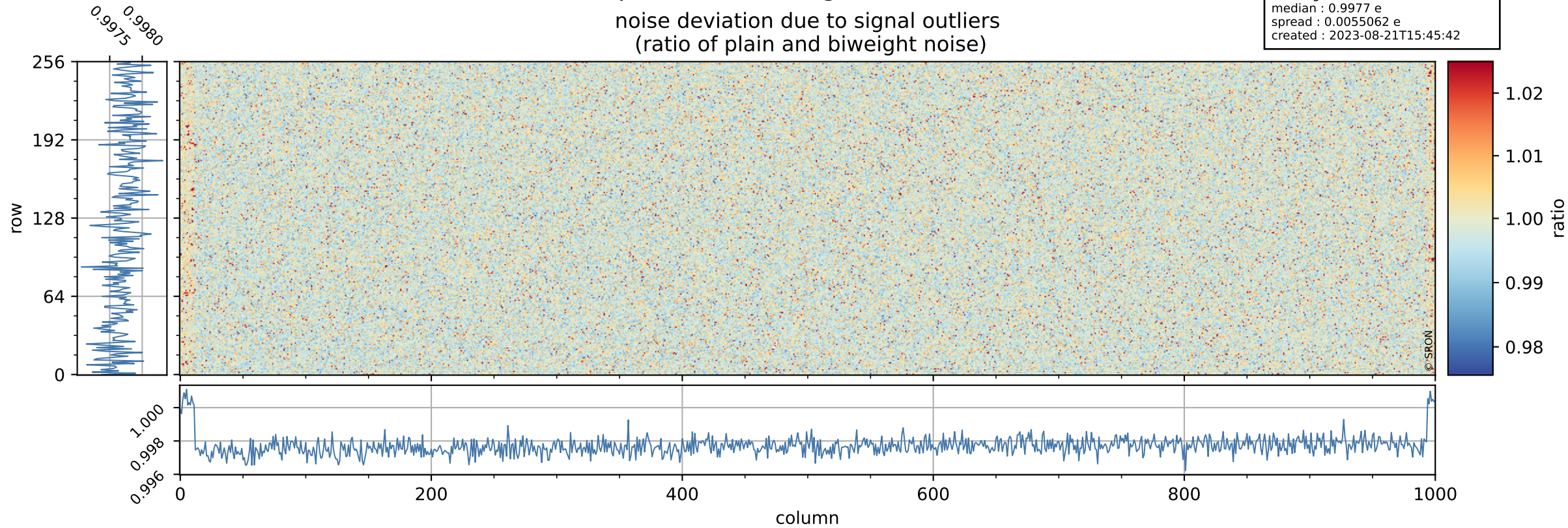
biweight noise (alternative darks)



Tropomi SWIR background noise (swir)

noise deviation due to signal outliers
(ratio of plain and biweight noise)

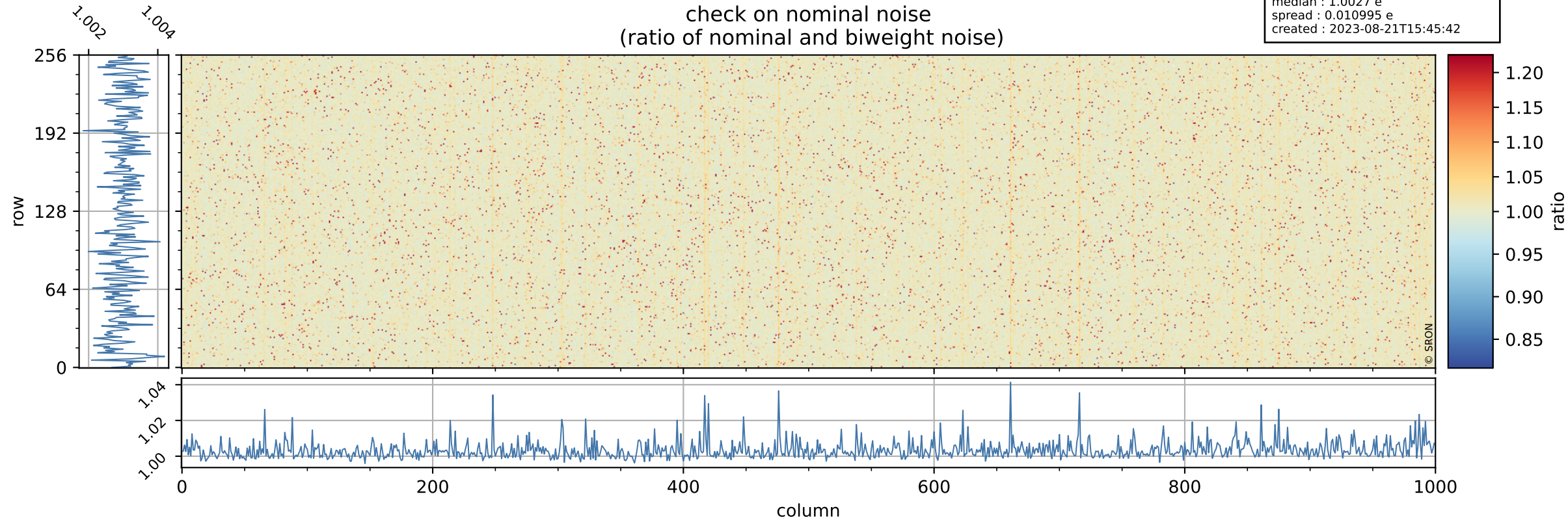
orbits : 12 in [15997, 16087]
coverage : 2020-11-14 / 2020-11-20
median : 0.9977 e
spread : 0.0055062 e
created : 2023-08-21T15:45:42



Tropomi SWIR background noise (swir)

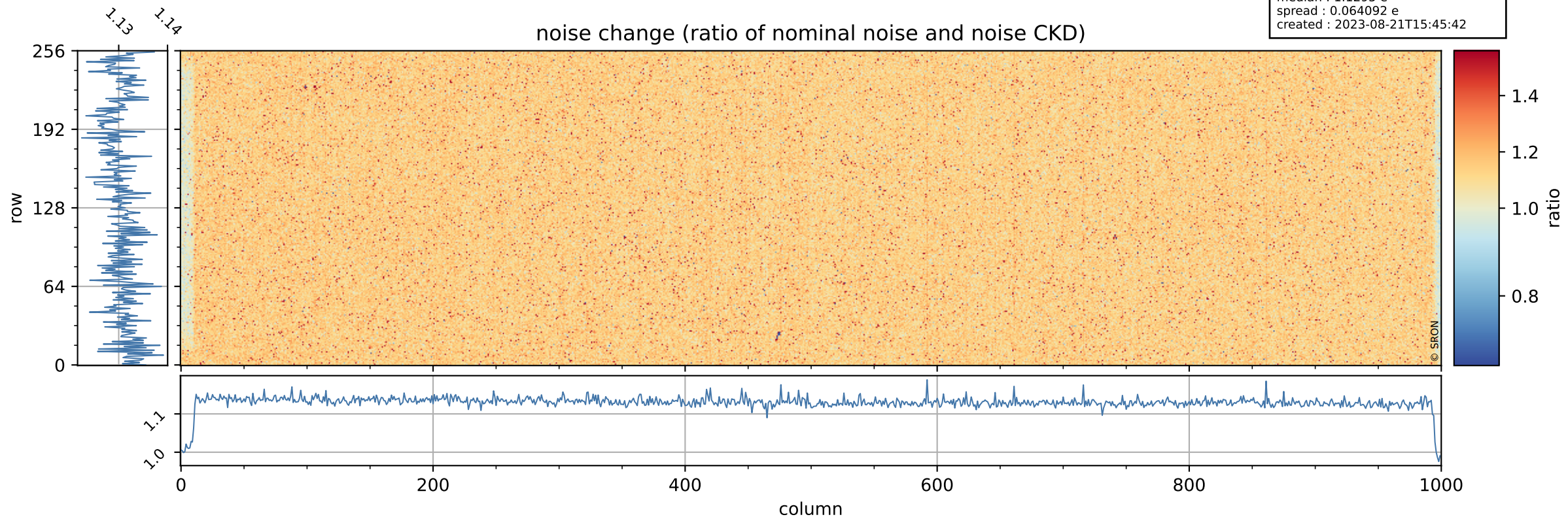
check on nominal noise
(ratio of nominal and biweight noise)

orbits : 12 in [15997, 16087]
coverage : 2020-11-14 / 2020-11-20
median : 1.0027 e
spread : 0.010995 e
created : 2023-08-21T15:45:42



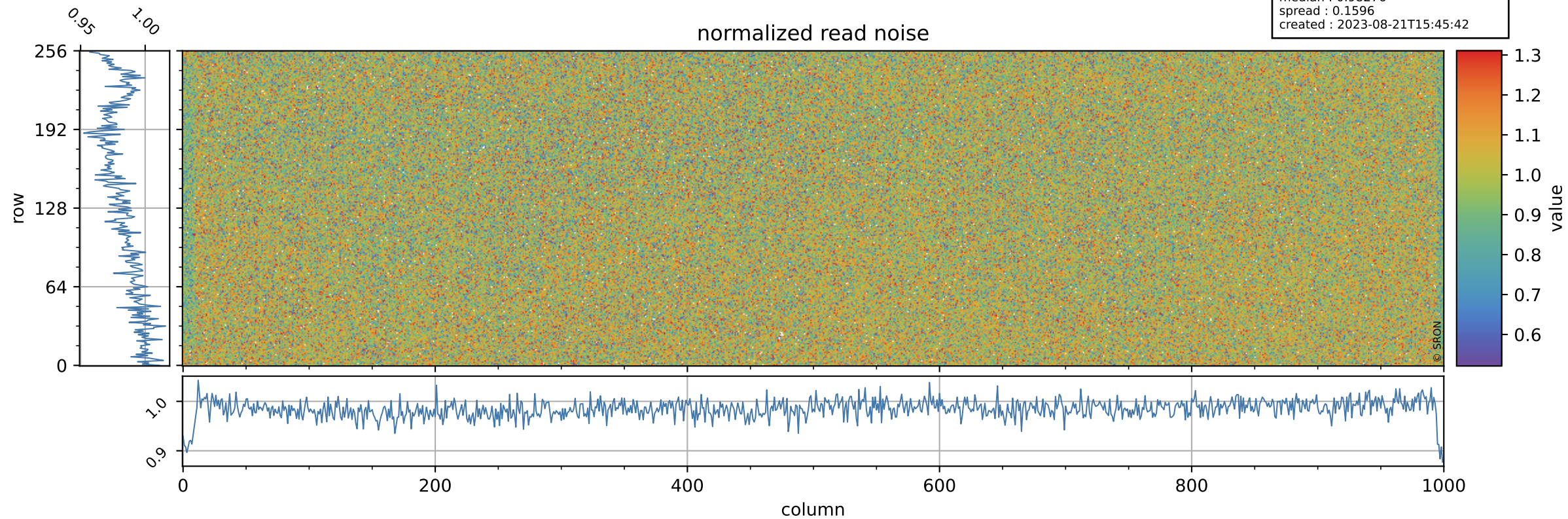
Tropomi SWIR background noise (swir)

orbits : 12 in [15997, 16087]
coverage : 2020-11-14 / 2020-11-20
median : 1.1295 e
spread : 0.064092 e
created : 2023-08-21T15:45:42



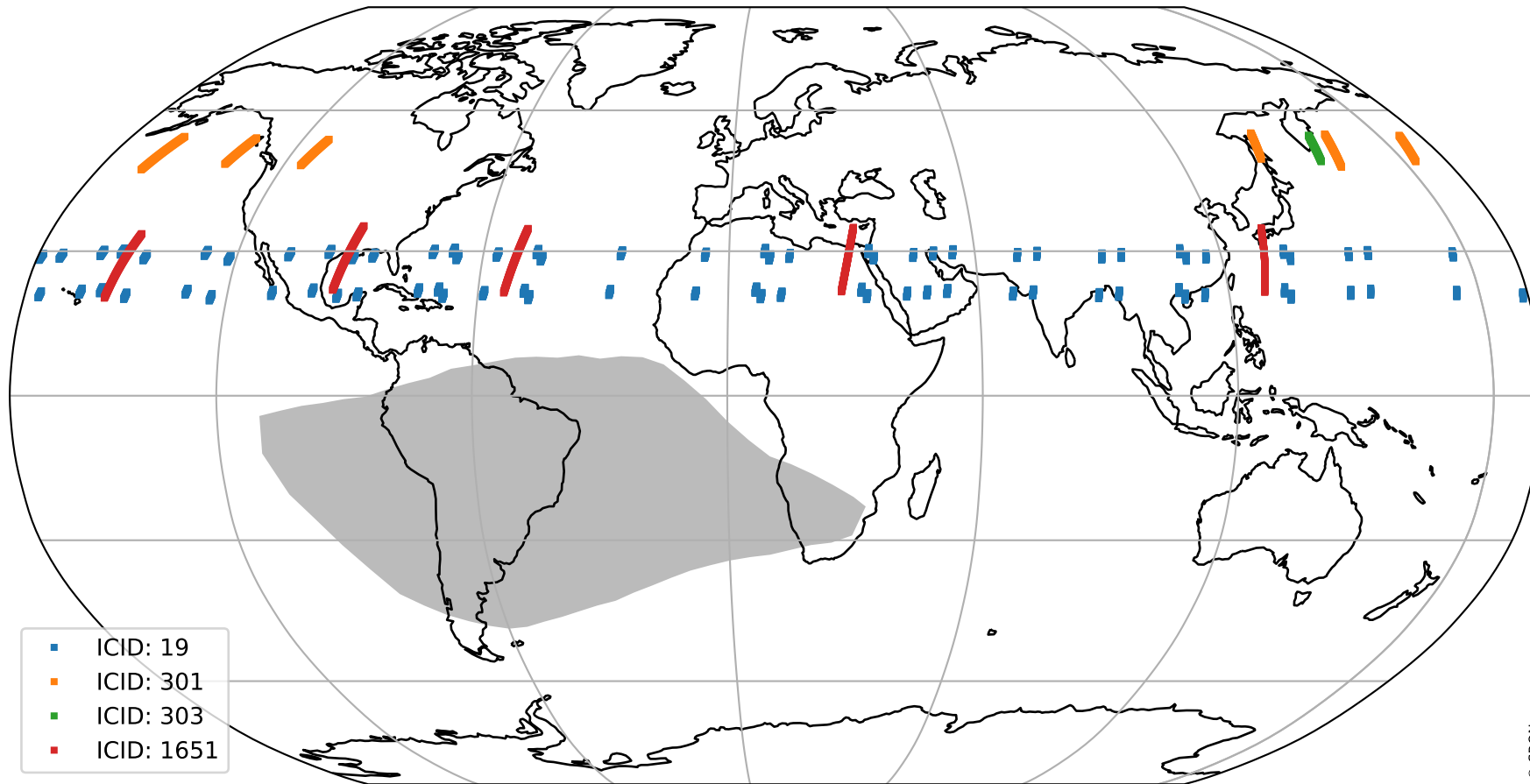
Tropomi SWIR background noise (swir)

orbits : 12 in [15997, 16087]
coverage : 2020-11-14 / 2020-11-20
median : 0.98276
spread : 0.1596
created : 2023-08-21T15:45:42



Tropomi SWIR background noise (swir) ground-tracks of Sentinel-5P

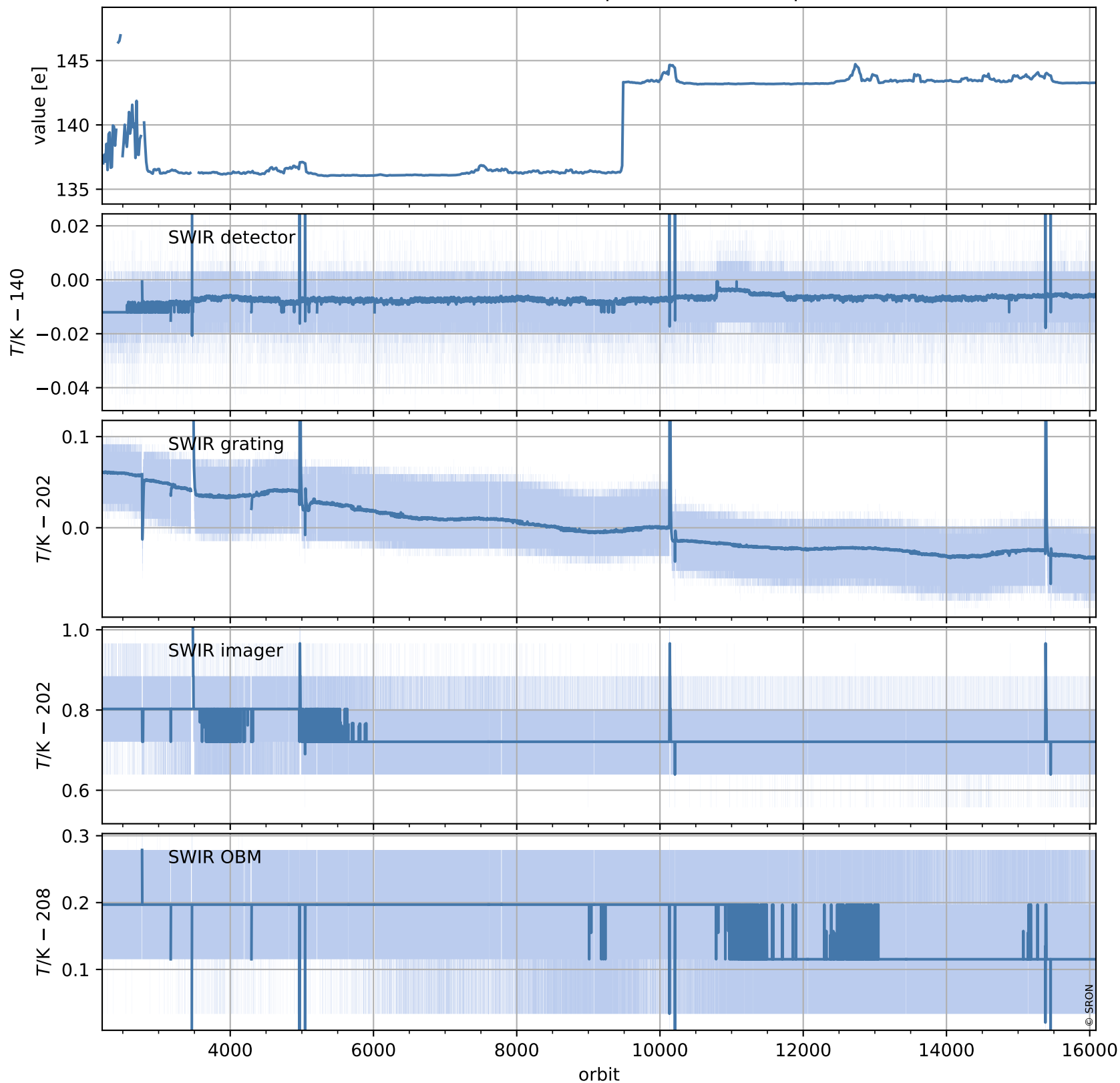
orbits : 12 in [15997, 16087]
coverage : 2020-11-14 / 2020-11-20
created : 2023-08-21T15:45:43



Tropomi SWIR background noise (swir)

orbits : [2212, 16087]
coverage : 2018-03-18 / 2020-11-20
created : 2023-08-21T15:45:43

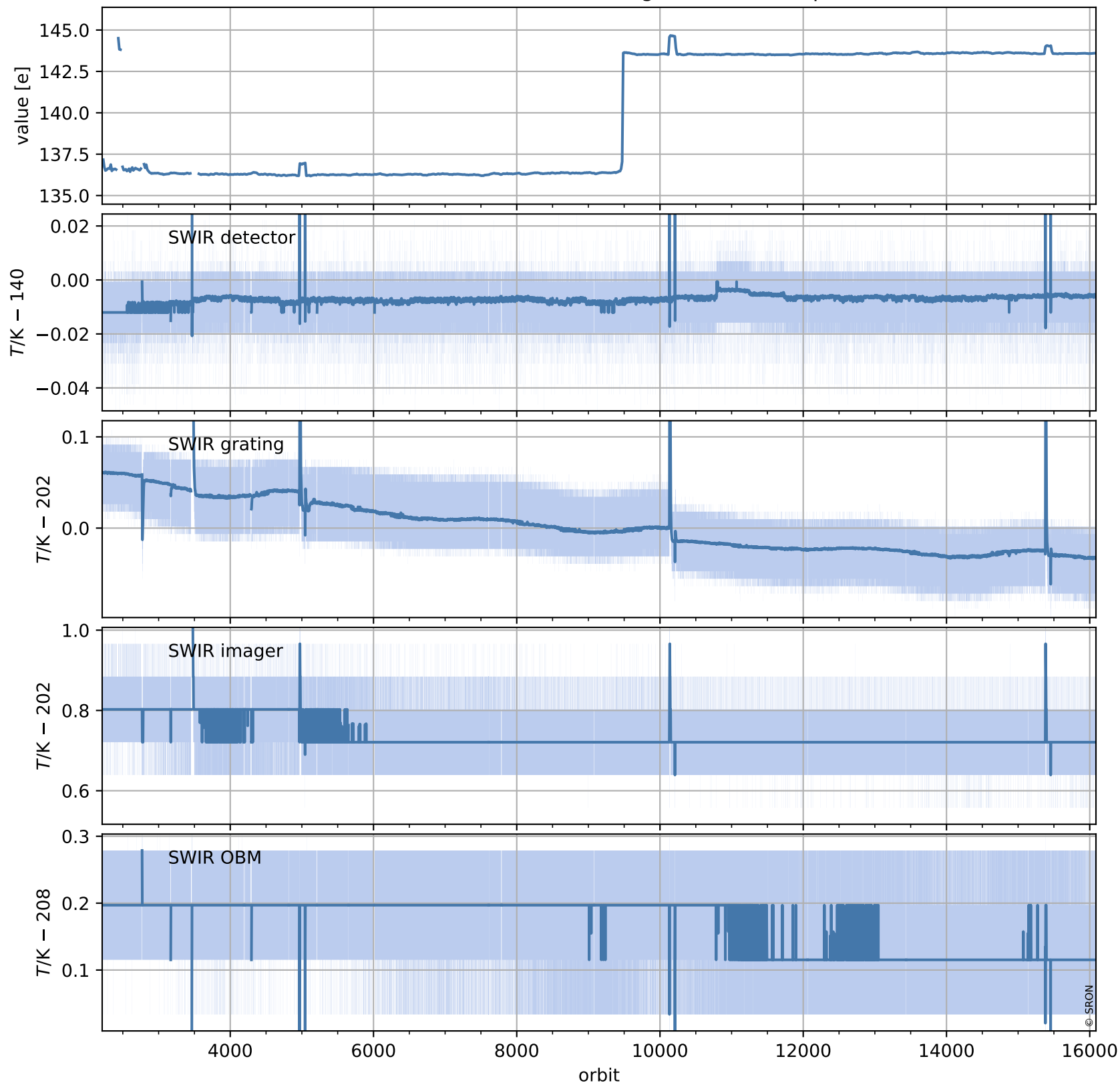
trend of detector median of plain noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16087]
coverage : 2018-03-18 / 2020-11-20
created : 2023-08-21T15:45:44

trend of detector median of biweight noise & temperatures



Tropomi SWIR background noise (swir)

orbits : [2212, 16087]
coverage : 2018-03-18 / 2020-11-20
created : 2023-08-21T15:45:44

trend of normalized read-noise & temperatures

